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Streamflow Forecast Summary: March 1, 2017 (averages based on 1981-2010 reference period)

		Forecast Exceedance Probabilities for Risk Assessment						
		Chance that actual volume will exceed forecast						
UPPER YUKON BASIN	Forecast Period	90%	70%	50%	% Avg	30%	10%	30yr Avg
		(KAF)	(KAF)	(KAF)		(KAF)	(KAF)	(KAF)
Yukon R at Eagle	APR-JUL	24900	27900	30000	90%	32100	35100	33300

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
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Central Yukon Basin	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	APR-JUL	3700	4680	5500	98%	6450	8160	5640
Yukon R nr Stevens Village	APR-JUL	40100	44500	47500	99%	50500	54800	48100

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TANANA BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	APR-JUL	168	235	285	106%	330	400	270
Little Chena R nr Fairbanks	APR-JUL	53	70	82	105%	94	111	78
Salcha R nr Salchaket	APR-JUL	405	520	605	97%	700	845	625
Tanana R at Fairbanks	APR-JUL	5820	6430	6840	92%	7250	7860	7460
Tanana R at Nenana	APR-JUL	6940	7660	8150	91%	8640	9360	9000

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Forecast Exceedance Probabilities for Risk Assessment

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ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse								
	APR-JUL	455	600	695	87%	790	935	796
	MAY-JUL	530	655	750	94%	865	1070	795
Sagavanirktok R nr Pump Station 3								
	APR-JUL	545	630	690	101%	745	835	684
	MAY-JUL	470	595	700	102%	825	1040	683

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Forecast Exceedance Probabilities for Risk Assessment
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COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough								
	APR-JUL	189	290	355	81%	420	520	440

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Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer								
	APR-JUL	40	56	66	80%	77	93	82
Talkeetna R nr Talkeetna								
	APR-JUL	1070	1240	1350	86%	1460	1630	1570

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NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage								
	APR-JUL	24	32	38	66%	44	52	58

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KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing								
	APR-JUL	640	715	770	80%	820	895	960

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SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau								

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